

FIG. 1G

FIG. 2

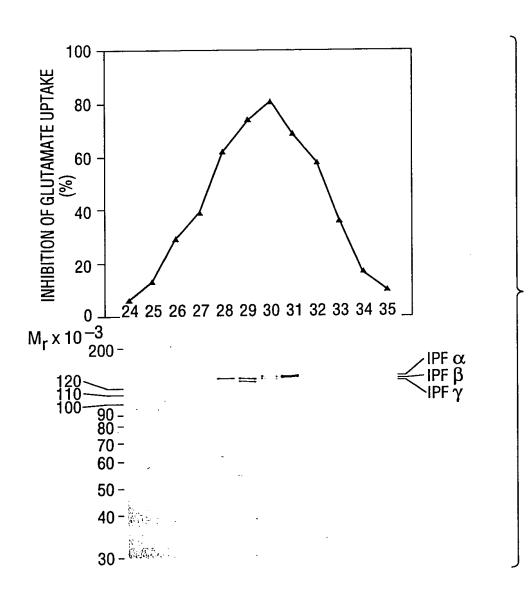


FIG. 3

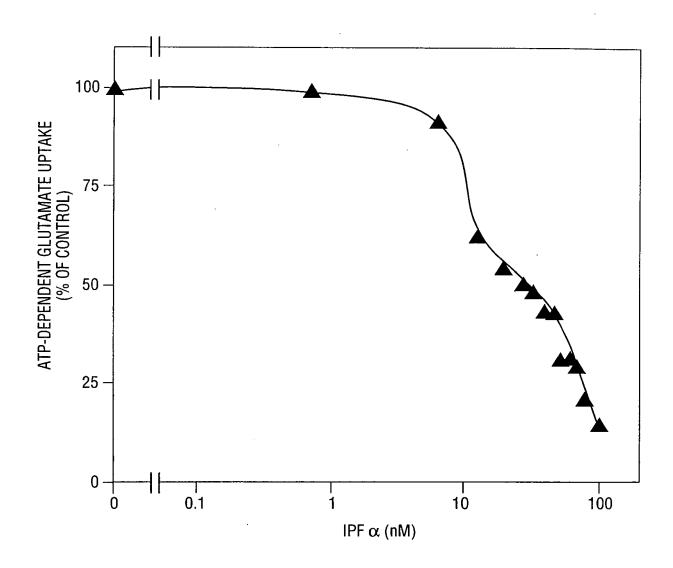


FIG. 4

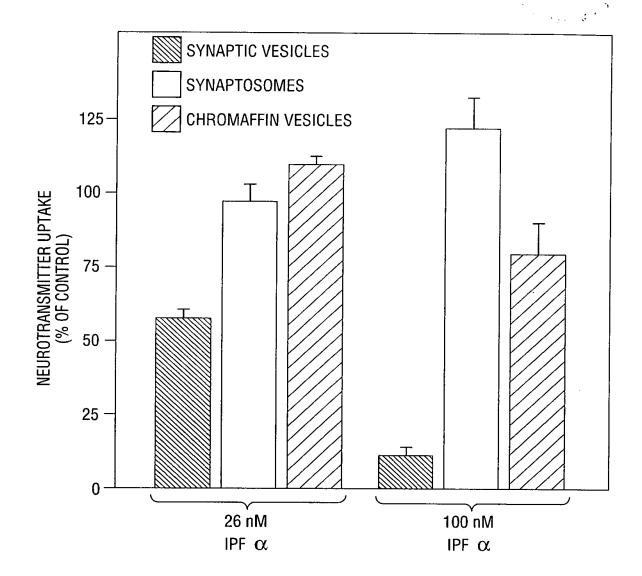


FIG. 5

IVTSEELGOD AERHARLNDS DAHEDSFK<u>SA</u> LFYRDTEQVD TKLIQNNHYA EKMKTATDEA **QAQQY FADAN** ELYHSLLELG SEGHFASETI ARMNEVISLW DRQGFVPAAY **PWKSARLMVH** MDPSGVKVLE TAEDIGERRQ QVLDRYHRFK ELSTLRRGKL EDSYRFQFFQ RDAEELEKWI **JDFGRDLASV QALLRKHEGI** TNVONLOKKH AEIAGHEPRI EQAQSCRQQV DEVNAAWQRL EPMVARKOKI KKFDDFQKDL RDETDSKTAS DRHQEHKGEI EKITALDEFA VNHYAKDEVA VMDWINDKEA PEEELIKTKQ TNWEGIRTLA QQYEQCMDLQ LASDDYGKDL NLLKKHQALQ ADLEQVEVLQ KLDETGNLMI DSDELKSWVN AYGSSIQALR NKDWWKVEVN ALVARYEALK SVSLRMKQVE ORRODLEDSL KLQYHQAFEA EVQANSGAIV KGIKLLQAQN LVQYLRECED LEKAGOKLID FAAKLIQEQH IKEKEOLMAS ALLELWELRR DFEKSLSAGE DSFHLQQFFR ELWLYEVEGH EAALTSEEVG GLMAEEVQAV QQQEV<u>YG</u>MMP QIQVKREELI DAENIKKKQE NRGKDLIGVQ NOTRITKEAG KHEALMSDLS SDVAGAEALL KWEALKAKAS GDILTLLNST HEERVNEVNQ NRDVDETISW KLTVLSEERA ARQFODAGHF CKKFMLFREA NELOOWINEK SVEALLKKHE RAMRRRAQLA LSANQSRIDA SIALRQEQID KALINADELA QQFNRNVEDI LQQSHPLSAT DEDSAEALLK REKEPIAAST VKAKLHELNQ KSPREVTMKK NYKDPTNLQG RTRLMELHRQ WELLLEKMRE FEEFQTDMAA LFGAAEVQRF VKALCAEADR QDRIDGVTIQ SRENLLEEQG NKVAEDLESE RDLTSWVTEM VQKHQAFEAE GIKLREANOO VEEGHFAAED -VLALYDYQE GHYASDEVRE LNEDLGDFLD PIVGSTDYGK LLSRRNALHE ROVEDEETWI QEKLQIASDE ERDLAALEDK KGLALQRQGK KAVTQKGNAM EKRXGMLEKS LEHVEVLOKK YRLQRFLADF MEDVATRRDA ADSLRLQQLF NWMSKQEAFL YKDPSNLQGK KKLLEATELK ALLEADVAAH EAESWMREKE APTDDETGKE VKKLDPAQSA KANESRLKDI DESDOALLAA 481 541 601 661

FIG. 6A

IVTSEELGOD LFYRDTEQVD VNHYAKDEVA ARMNEVISLW SEGHFASETI AERHARLNDS DAHEDSFKSA TKLIQNNHYA EKMKTATDEA TNVQNLQKKH **QAQQY FADAN** EQAQSCROOV NKDWWKVEVN DRQGFVPAAY ELYHSLLELG ELSTLRRQKL EDSYRFQFFQ RDAEELEKWI AEIAGHEPRI EPMVARKQKL DEVNAAWORI QALLRKHEGI ADLEQVEVLQ KKFDDFOKDI DSDELKSWVN EKITALDEFA LASDDYGKDL NLLKKHQALO SVSLRMKQVE VMDWINDKEA PEEELIKTKO DDFGRDLASV TNWEQIRTLA QQYEQCMDLQ ALVARYEALK QRRQDLEDSL AYGSSIQALR KLDETGNLMI DRHQEHKGEI EVQANSGAIV ALLELWELRR DSFHLQQFFR LVQYLRECED FAAKLIQEQH DFEKSLSAQE LEKAGQKLID ELWLYEVEGH IKEKEOLMAS DAENIKKKQE NELQQWINEK EAALTSEEVG NRGKDLIGVQ QIQVKREELI SDVAGAEALL KWEALKAKAS KHEALMSDLS NQTRITKEAG GDILTLLNST QQQEVY SVEALLKKHE RAMRRRAQLA QEKLQIASDE NYKDPTNLQG KLQKHQAFEA KGIKLLQAQN HEERVNEVNQ NRDVDETISW LOQSHPLSAT KALINADELA KLTVLSEERA LSANQSRIDA OOFNRNVEDI ARQFQDAGHF VKAKLHELNQ DEDSAEALLK SIALRQEQID REKEPIAAST KSPREVTMKK GLMAEEVQAV YHRFK LFGAAEVQRF RDLTSWVTEM ERDLAALEDK VKALCAEADR GHYASDEVRE VEEGHFAAED RTRLMELHRQ WELLLEKMRE FEEFQTDMAA LNEDLGDFLD VQKHQAFEAE GIKLREANQQ QDRIDGVTIQ PIVGSTDYGK SRENLLEEQG CKKFMLFREA NKVAEDLESE LLSRRNALHE LVLALYDYQE RDVEDEETWI KGLALQRQGK **YRLORFLADF** LEHVEVLQKK DESGOALLAA NWMSKQEAFL MEDVATRRDA YKDPSNLQGK KKLLEATELK ALLEADVAAH ADSLRLQQLF KAVTQKGNAM EAESWMREKE EKRKGMLEKS APTDDETGKE KANESRLKDI VKKLDPAQSA 926 1016

## FIG. 6B

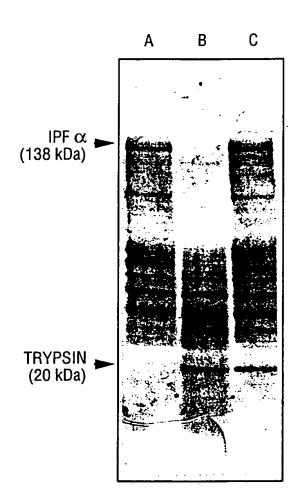


FIG. 7

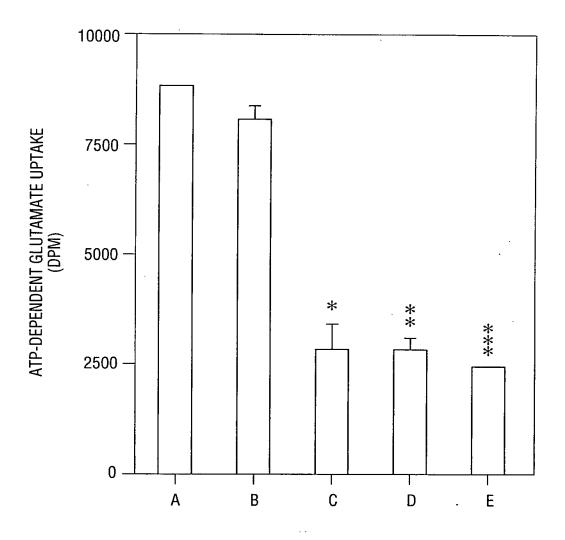


FIG. 8

